

Specifications for IKONOS NASA Model DEM and Stereo Pair Products

PHASE II Science Data Buy Space Imaging

Specifications	NASA Model DEM, Level D	NASA Stereo Pair
Image GSD	15 meter grid spacing	0.82 meter (at nadir)
Radiometric Resolution	N/A	11 - bit
Spectral Band Pass (pan)	N/A	450 - 900 nm
Spectral Band Pass (blue)	N/A	N/A
Spectral Band Pass (green)	N/A	N/A
Spectral Band Pass (red)	N/A	N/A
Spectral Band Pass (NIR)	N/A	N/A
Absolute Horizontal Geometric Correction Accuracy	25.4 meter 90% circular error	25.4 meter 90% circular error
Absolute Vertical Accuracy	7.0 meter RMSE linear error at 90% probability	7.0 meter RMSE linear error at 90% probability
Projection/Datum	UTM/WGS-84	UTM/WGS-84
Cloud Cover	N/A	N/A
Resampling Method	N/A	Cubic Convolution

Sidelap and Endlap	N/A	At least 10% (Stereo overlap is 100%)
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